

IN THE CLAIMS

Please amend the claims as follows:

1. Canceled.
2. (Currently Amended) The system of claim ~~1~~ 23 wherein said motion sensing device comprises an accelerometer.
3. Canceled.
4. (Currently Amended) The system of claim 23 wherein said accelerometer comprises a 3-axis accelerometer.
5. Canceled.
6. Canceled.
7. Canceled.
8. (Currently Amended) A system according to claim ~~7~~ 23 wherein said ~~dead-man~~ switch comprises a pressure activated electrical switch.
9. (Currently Amended) A system according to claim ~~7~~ 23 wherein said ~~dead-man~~ switch comprises a conductive sensor.
10. (Currently Amended) A system according to claim ~~1~~ 23 wherein said equipment comprises a firearm.
11. (Currently Amended) The system of claim ~~10~~ 23 wherein said motion sensing device comprises an accelerometer.
12. Canceled.
13. (Original) The system of claim 11 wherein said accelerometer comprises a 3-axis accelerometer.
14. Canceled.
15. Canceled.
16. Canceled.
17. Canceled.
18. Canceled.
19. (Original) A system according to claim ~~10~~ 23 wherein said operation enablement system comprises an electronic firing system.

20. (Currently Amended) A system according to claim 23 9 further comprising a mechanical safety; wherein said energy source provides energy to said processor only when said mechanical safety is disengaged.

21. (Currently Amended) A system according to claim 23 9 further comprising a mechanical safety; wherein said energy source provides energy to said motion sensor only when said mechanical safety is disengaged.

22. (Currently Amended) A system according to claim + 23 wherein said energy supply subsystem ~~source~~ comprises a battery.

23. (Currently Amended) A system for authorizing the operation of equipment comprising:

a motion sensor for sensing a motion said equipment;

a processor connected to an output of said motion sensor, said processor having an energy-conserving state and an active state;

an energy supply subsystem connected to said motion sensor and said processor;

an operation enablement subsystem;

a ~~dead-man~~ switch; and

means for deactivating said system;

wherein, said energy supply subsystem periodically applies energy to said processor when said processor is in said energy-conserving state, and when said energy is applied said processor determines whether an activation sequence is beginning based upon a state of said ~~dead-man~~ switch and an output of said motion sensor.

24. (Original) A system according to claim 23 wherein upon a determination that an activation sequence is beginning, said processor establishes full power until said means for deactivating deactivates said system.

25. (Currently Amended) A system according to claim ~~1~~ 23 further comprising an indicator for indicating to the operator that operation of the equipment has been authorized.

26. (Original) A system according to claim 25 wherein said indicator comprises a light.

27. Canceled.

28. Canceled.

29. Canceled.